## Global lysosomal storage disorders Registry program

Marc Nicolino University Hospital Debrousse, Lyon, France

**NBS MENA Meeting** 

Marrakech, Morocco November 13-15, 2006



The registry's goal is to significantly contribute to the medical understanding of rare diseases and to help improve the quality of care for patients worldwide...

## **Registry definition**

- The LSD Registry program is an <u>international</u> collaboration aiming to increase the understanding of this rare disease
- Is strictly observational and participation is voluntary.

  - No experimental procedures required
     A recommended schedule of assessment has been developed by the Board Advisors as a
- Open to all physicians
  - Independent of specialty
- - Patient enrolment independent of treatment status
- Patient and physician <u>confidentiality</u> are maintained

## Registry objectives

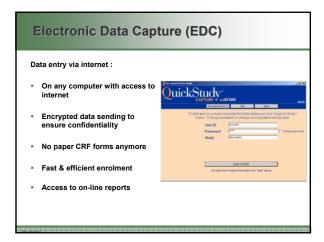
- To enhance the understanding of the variability, progression, and natural history of lysosomal storage disorders
  - This will assist in increased disease awareness
- To assist the medical community with the development of recommendations for monitoring patients and optimize patient care
  - · Individualized patient reports are available for participating physicians
- To assess long-term effectiveness & safety of available treatment options, including enzyme replacement therapy
  - This long-term follow-up can be part of commitments to regulatory authorities (EMEA, FDA)

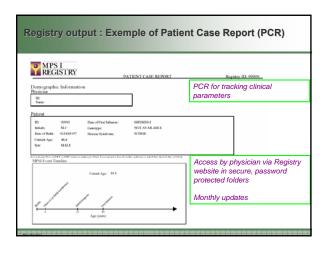
## Added value for participating physicians

- · Access to patient reports to monitor disease status online
- Clinical practice <u>consensus guidelines</u>
- Generation of peer reviewed publications
  - New insights on disease & treatment (data requests; own data or aggregated data)
- Information on unrecognized <u>manifestations</u> of diseases
  - End goal : optimising disease diagnosis and management
- Genzyme supports Registry infrastructure
  - Including data management, statisticians, project managers, boards of advisors

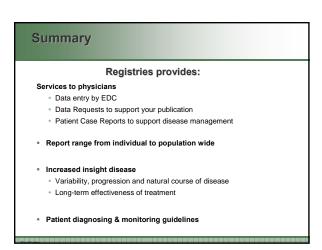
## **Registry Boards of Advisors**

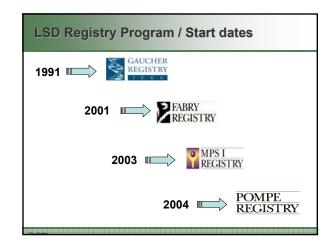
- Group of international experts
- Decides on scientific and strategic direction
- Board members actively participate in Registry ⇒ act as the primary regional/national contact
- Board coordinates publications from the Registry
  - Abstracts and manuscripts
  - Scientific review of publications and proposals for analyses
  - · According to Publication policy
- Genzyme supports Registry infrastructure
  - Including data management, statisticians, project managers

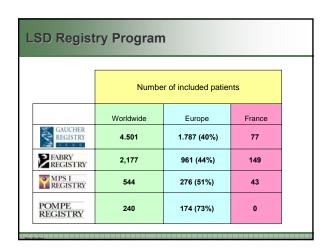


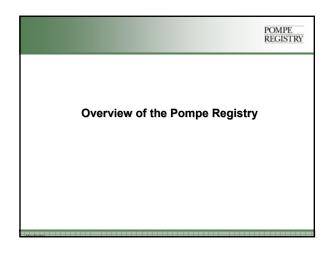


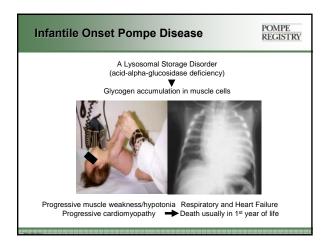
# Registry output: Data requests Data Request Form Data request can be submitted by ALL physicians Data request to be submitted by form to Registry Range of data as captured in Registry database Timelines for completion will vary with nature of request Straightforward data listing vs. complicated analysis proposal Publication of results in line with Registry Publication Policy

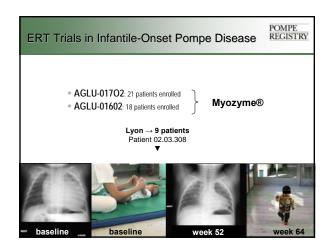












## POMPE REGISTRY Treatment for Pompe disease: commentary ■ April 2006: Myozyme® commercially approved in both Europe and U.S.A. ■ The first results with Myozyme® are really promising • This is the first effective treatment for an inherited muscle disorder Additional data are needed to establish the extend of long-term benefits with more distance It is now crucial to increase awareness and early diagnosis of the disease Patients should be treated at the earliest age possible

# POMPE REGISTRY **Topics** Achievements Global enrollment Country overview Preliminary data overview

## To enhance the understanding of the variability, progression, and natural history of Pompe disease

- To assist the Pompe medical community with the development of recommendations for monitoring patients and optimize patient care
- To assess long-term effectiveness & safety of available treatment options including ERT.

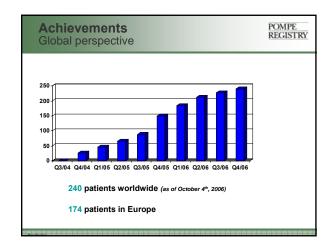
protocol amemdments submitted to FDA & EMEA, containing:

Quality of life questionnaires,

**Pompe Registry objectives** 

- Enzyme replacement therapy and safety reporting section,
- Sub-Registry programmes on Pregnancy Outcomes and Lactation





### **Country Overview** Patients enrolled Country Canada 51 Germany Argentina 31 Portugal Italy 26 Australia Brazil 19 Israel Poland Colombia Belgium Greece 2 UK Philippines Spain Venezuela



